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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/381,334	11/18/1999	KARI VIRTANEN	PM264014	3837

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EXAMINER

IQBAL, KHAWAR

ART UNIT	PAPER NUMBER
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2685

DATE MAILED: 08/21/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/381,334

Applicant(s)

VIRTANEN, KARI

Examiner

Khawar Iqbal

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 and 14 is/are rejected.
- 7) ☒ Claim(s) 13 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_ 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Objections*

Claim 13 is objected to under 37 CFR 1.75 as being a substantial duplicate of claim 7. See MPEP § 706.03(k).

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 1-6, 8-10 and 12 are rejected under 35 U.S.C. 102(e) as being anticipated by Coyne et al (5943619).

Regarding claims 1 and 3 Coyne et al teach a method of registration in a telecommunications system by a mobile station, which system comprises a home location register for maintaining subscriber data and supports a first network, and a second network, the method comprising: (abstract, figs. 1-5):

maintaining the mobile subscriber data in the home location register, and sending, from another network element, a message to the home location register for requesting the mobile subscriber data (col.3, lines 15-53, col.), line 45-col. 6, line24, col. 7, lines 14-36);

the home location register maintaining an access parameter which indicates whether the mobile subscriber is entitled to use the first network, the second network or both networks (col. 5, lines 15-35, col. 6, lines 25-65);

in response to said message for requesting the subscriber data, the home location register sending the mobile subscriber data and also said access parameter (col.5, lines 45-65, col.), lines 5-65);

the network element that requested the mobile subscriber data using said access parameter for restricting the access of the mobile subscriber only to the first network or to the second network (col.5, lines 20-35, col. 6, lines 25-65, col. 7, lines 10-36 and 60-67).

Regarding claim 2 Coyne et al teach a method of registration in a telecommunications system by a mobile station, which system comprises home location register for maintaining subscriber data and supports a first network, and a second network, (abstract, fig. 1-5):

the method comprising  
storing mobile subscriber data in the memory of a mobile station, mobile subscriber data and an access parameter indicating whether the mobile subscriber is

Art Unit: 2685

entitled to use the first network, the second network or both networks (col. 5, lines 20-35, col. 6, lines 25-67); and

the mobile station using said access parameter to restrict the access of the mobile subscriber only to the first and/or the second network (col. 5, lines 20-35, col. 6, lines 25-65, col. 7, lines 10-36 and 60-67).

Regarding claim 3 Coyne et al teach the mobile subscriber's access can be restricted only to one network even though a short message service had been defined for the mobile subscriber (col. 2, lines 13-34, col. 5, lines 15-35, col. 6, lines 25-65).

Regarding claims 4-6 Coyne et al teach wherein the network element that requested the mobile subscriber data uses said access parameter to prevent location updating in a network which the mobile subscriber is not entitled to use (col. 2, lines 13-34, col. 5, lines 15-35, col. 6, lines 25-65).

Regarding claims 8-10 and 12 Coyne et al teach a data structure which comprises (abstract, figs. 1-5)

mobile subscriber data in a telecommunications system which supports a first and a second network (col. 5, lines 20-35 and 45-65, col. 6, lines 10-50, figs. 1-5);

an access parameter which indicates whether the mobile subscriber is entitled to use the first network, the second network or both networks (col. 3, lines 35-53, col. 5, lines 20-35, col. 6, lines 25-65, col. 7, lines 10-36 and 60-67).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 7, 11 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Coyne et al (5943619) and further in view of Karlsson et al (6222829).

Regarding claims 7, 11 and 14 Coyne et al does not specifically teach first network is a circuit-switch and second is packet-switched. An analogous art, Karlsson et al teach first network is a circuit-switch and second is packet-switched (col. 3, lines 15-40, col. 4, line 55-col. 5, line 9). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Coyne et al by specifically adding first network is a circuit-switch and second is packet-switched by Karlsson et al.

***Response to Arguments***

5. Applicant's arguments with respect to claims 1-14 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Art Unit: 2685

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAWAR IQBAL whose telephone number is 703-306-3015.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **URBAN EDWARD F**, can be reached at 703-305-4385.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231


**or faxed to:**

**(703) 872-9314 (for Technology Center 2684 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Khawar Iqbal



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